XH-W3001 Temperature Controller

Current probe temperature

"Power ON" Indicator light

▲(UP) Button

(Press for 3-seconds to set "**Power ON**")

▼(DOWN) button

(Press for 3 seconds to change the desired temperature at which to "**Power OFF**")

NOTE:

"*Heating Mode*" is active when the "**Power-ON**" temperature is **cooler** than the "**Power-OFF**" temperature. Will "**Power-ON**" when the ▲(UP) Button temperature is set **LOWER** than ▼(DOWN) button temperature.

"*Cooling Mode*" is active when the "**Power-ON**" temperature is **warmer** than the "**Power-OFF**" temperature. Will "**Power-OFF**" when the ▲(UP) Button temperature is set **HIGHER** than ▼(DOWN) button temperature.

To set the Temperature at which your device should "Power-ON":

▲Press the ▲(UP) Button once to display the current value of the "Power-ON" temperature Press and hold the (UP) Button for about 3-seconds. The "Power-ON" temperature flashes. Press either the ▲(UP) or ▼(DOWN) buttons to adjust the "Power-ON" Temperature.

To set the Temperature at which your device should "Power-OFF":

Press the ▼(DOWN) button once to display the current value of the "Power-OFF" temperature. To change the "Power-OFF" temperature, press and hold the ▼(DOWN) Button for about 3-seconds. The "OFF" temperature flashes. Press either the ▲(UP) or ▼(DOWN) buttons to adjust the "OFF" Temperature.

Example - To Control a Heater:

We may want to have the heater ON until the temperature reaches 50°C, then turn the heater OFF.   Then when the temperature goes down to 40°C, turn the heater ON again.

To set it up:

Since the "Turn ON" Temperature (40°C) is *lower than* the desired "Turn OFF" temperature (50°C), we will first hold the ▲(UP) button to set the lower "Power ON" temperature.

Press and hold the ▲(UP) Button for 3 seconds. When the temperature value flashes, press either the ▲(UP) or ▼(DOWN) buttons to set the "ON" temperature to 40°C.

Press and hold the ▲(UP) Button for 3 seconds. When the temperature value flashes, press either the ▲(UP) or ▼(DOWN) buttons to set the "OFF" temperature to 50°C.

Example - To control an Air-Conditioner:

Let's have the A/C turn on if the room is 30 °C or above. Then when the temperature drops down to 26 °C, have the A/C turn off.

To set it up:

Since the "Turn ON" Temperature (30 °C) is *higher* than the desired "Turn OFF" temperature (26 °C), we will first hold the ▼(DOWN) button to set the higher "Power ON" temperature.

Startup Temperature(30 °C) > Desired Temperature (26 °C).

Press and hold 3 seconds for the ▲(UP) Button. When the temperature value flashes, press ▲(UP) or ▼(DOWN) BUTTON to adjust to 30 °C.

Press and hold 3 seconds for the ▼(DOWN) Button. When the temperature value flashes, press ▲(UP) or ▼(DOWN) BUTTON to adjust to 26 °C.

Common Questions:

If you try to enter settings that are incorrect, the power-ON indicator will not light up and your device will not receive power. You can solve the problem according to the error indicated on the display.

To restore the factory settings:

With power on, press and hold the UP and DOWN buttons at the same time. The display should show **888,** then shows the current temperature. Factory settings have been restored.

Digital display shows LLL
If the digital tube displays LLL, the sensor is faulty. Please repair or replace the sensor.

Digital display shows HHH
If the display reads HHH, then the temperature is beyond the measurement range of the device.